

SAN JUAN COUNTY INDEX.

VOL. X.

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NO. 14.

The Coding Moth.

Written for The Index.
The question of the coding moth and the amount of damage that it is doing annually to the apple crop of San Juan county, while yet but new, is nevertheless one which every fruit grower should take immediately into consideration. In an endeavor to check the ravages of this insect at the earliest possible date, the moth is gradually spreading over the different valleys of the county and it is only a question of time until every orchard in the county may be infested. At present it is found in but few orchards and in those only to a limited extent, but this condition will not always remain, for when we take into account the fact that the moth annually reproduces itself about fifty fold, and in San Juan county there are probably two if not three generations, each of which will reproduce itself by about the same number, it can readily be seen that the succeeding generations will do great deal more damage than the preceding ones caused.

The time to fight this insect is now upon us, and no pains should be spared to take proper hold of it before too late. Orchardists knowing that their orchards are infested should not keep it secret but begin the fight at once and those who are in doubt whether the moth is in their orchards should ascertain the facts at once and if it is found that it is not present the necessary precautions should be taken to prevent it from coming.

The writer is yet uncertain whether there are two or three generations of the coding moth in this county during the season, but intends to make some investigations along this line this coming summer and to collect some data that will probably solve this important problem. This, however, is of very little importance to us at present, the first problem that we should consider being the shaking or destruction of the coding moth which will now emerge from its hiding place in a few days, probably sometime between the first and fifth of May, or if the cold weather continues may be not until a week or two later. On the southern part of the territory moths were first noticed about April 15, but taking the altitude as well as the latitude of this county into consideration, the northern sections of the territory and especially San Juan and Rio Arriba counties will probably not be bothered until about the middle of May.

The young worm immediately after being hatched and while on its way to the fruit, eats of the pericarp of the leaf and thus subsists until the apple is reached, here in most cases the caterpillar and the recipient of the worm which generally enters from that end. It has also been noticed that where two apples hang so as to touch each other while on the tree the worm very frequently enters one of them near the place where they touch the same thing also occurs when a leaf adheres or lays closely to an apple.

The worm when once inside the fruit is practically safe from all danger so far as poisoning is concerned, and where spraying is resorted to care should be taken to spray thoroughly before it enters the fruit. This may be accomplished by spraying just as soon after the blossoms fall as possible, and while the apple is yet in an almost vertical position with the calyx end up, thus forming a cup like place which holds the poison and through which a large per cent of the worms will have to pass before entering the apple. The first spraying should be thorough and no pains should be spared to make it so. It would be far better to put two or three times the amount required on a tree and get it thoroughly sprayed than to economize in the poison and give it only one-half enough.

For spraying for the coding moth a solution consisting of one pound of Paris green and about an equal amount of unsifted lime may be added to 20 gallons of water and applied with any ordinary spray pump. This spraying should be repeated in about a week or ten days. Some difficulty will be found in making the poison adhere to the apples and leaves, and the writer knows of no ingredient that can be mixed with the water so as to avoid this evil, but for the purpose of experimentation would suggest that a small amount of kerosene be added. What results this will give can hardly be foreseen and those undertaking it would do so only for the purpose of experimentation, which may prove of value to them. This solution should be sprayed upon the apple and leaves, the moth is known to frequent, and should rain enough fall to wash it from the leaves and fruit after the spraying has been completed, it should be repeated as soon as possible thereafter, always bearing in mind that the more completely the first generation of worms is checked, the less trouble will be resolved from the succeeding broods.

In addition to the spraying, it would probably also be advisable for every orchardist to band the trunks of his trees with stiff paper, burlap or other suitable material which may be available. Stiff paper or about three thicknesses of ordinary newspaper may be wrapped around the trunk of the tree and reasonably close to the ground. This paper should be long enough to encircle the trunk and leave enough to lap the sides where they meet; through this lap an ordinary carpet tack should be pressed with the thumb into the wood of the tree, thus holding the band in place and making it so the band can be easily removed and inspected, which should be done at least once a week, and all larvae hibernating thereunder should be killed.

The worm as it leaves the fallen apple will in most cases climb the trunk of the tree searching for some suitable place in which to hibernate and if these bands are found before some larvae or sealed back it will spin its cocoon thereunder. The orchardist should of course be kept as clean as possible and all trash or rubbish left on the ground from the preceding winter should be piled under or burnt in the early spring so that all larvae hibernating thereunder will be killed. The worms that leave the apples while they are yet on the tree will probably crawl down the branches until some suitable hiding place is found, and consequently a great number escape from being killed, and these trash bands are material for the succeeding broods. Recent investigations, where both branches and trunk were banded, show that more worms collected beneath the bands on the branches than beneath those on the trunk of the same tree. Care should also be taken to destroy or collect all the windfall apples. These are a good friend of the apple grower in this respect, and wherever it is possible to do so, they

DIRT IS IN DEMAND.

San Juan County Soil in High Favor With Settlers and Investors These Days -- An Era of Prosperity Dawning.

The renewed prosperity and development predicted for San Juan county by reason of the opening of the Ute strip, is now seen to have been based on a solid foundation. Those who could find nothing to attract in the unimproved lands of the reserve, came largely to this county to secure homes and investments. They are arriving daily and all accounts agree that the movement has just commenced. For instance, the correspondent of the Denver Times, telegraphing to his paper from Durango only last Saturday, said:

"Tonight the city is well filled, the hotels are overflowing and rooms are at a premium. The evening train came in loaded to the guards. The arrivals consist mostly of people who mean business. The report recently published that there was still land, equally as good as any located, to be had has induced many to come and secure a home after the noise and dust of the rush had subsided."

During the past week, several sales of ranch and town property have been made, and many new settlers and much new capital for the advancement of the county are assured. Among the sales consummated were the following:

John W. Jones, a prominent Gilpin county (Colo.) mining man, purchased 80 acres of the Joe Howe ranch near Aztec, paying about

\$1200 for the same. Mr. Jones will move his family here as soon as he can arrange business affairs.

T. Marcott, of Telluride, bought what is known as the Tony Boyle ranch on the river below town, and will improve it this summer.

Dr. I. Phillips and W. C. Clayton of Dallas county, Mo., returned home this week after having invested in town lots in Aztec, on which they will probably build.

The sale to a party of Utah gentlemen of 160 acres of the beautiful Sunnyside orchards near Farmington, the property of W. N. Knight, is reported. We are unable to learn the price agreed on. Mr. Knight will we understand retain the home place.

Henry J. Kiffen has sold his big ranch north of Aztec to Messrs. Dalora, Stedele and others from Central City, Colorado, the amount paid--\$3,500--including the stock and machinery on the place. This sale involves the settlement of a large colony in the valley.

Many other realty deals are on the tapis, and there are few who learn the prices of the lands in the Animas, San Juan and La Plata valleys and fail to realize that the cheapest farm and ranch property in the entire West is to be found in San Juan county.

The Case of the Late Probate Clerk of San Juan.

We note the fact that the late probate clerk of San Juan county occupied about four years of his life, from 1894 to 1898, in the preparation of a book, with an article in the last issue of our contemporary, THE INDEX.

The late probate clerk feels himself aggrieved. Things are not as they should be, and he is not satisfied with the result of the committee's report.

"The editor of THE INDEX," he states, "published what purport to be a synopsis of the report of the committee appointed to examine the books, records and accounts of the county."

"The report," he continues, "is a gross misstatement of the facts. The committee's report was published in the last issue of THE INDEX, and was a gross misstatement of the facts. The committee's report was published in the last issue of THE INDEX, and was a gross misstatement of the facts."

Let us say in this connection that any one who reads the late clerk's report will find it a gross misstatement of the facts.

Strictly Sensational.

From one of the Denver papers we glean the following story, sent out from Santa Fe under date of last Saturday. Coming in the way that it does, the tale appears to be one of politics, rather than of crime. But we are so far distant from the scene that "only the echoes" reach us. This is the dispatch as printed in the Denver Times:

"A sensation was sprung here this afternoon by the arrest of O. L. Merrill, assistant superintendent at the New Mexico penitentiary, on a charge of conspiracy. Merrill at first remained silent, but finally obeyed. His wife is the nation at the penitentiary."

The charge against Merrill was brought by W. H. Garner, who was released from the penitentiary a few weeks ago, after making a confession of a harrowing nature which designated a number of leading citizens of the territory as having formed an organization to murder Superintendent Bergman at the penitentiary and other men prominent in Colorado and New Mexico.

"A number of bottles of poison with which the deed was to be done were found at the penitentiary. Garner was immediately re-arrested and arrested in the county jail, and it was upon information that he gave that Merrill was arrested this afternoon."

"Blood will tell." It has been said that the great grandfather of the most active leader of the Boston anti-expansionists was ordered out of that city by General Washington during the revolutionary war, because he was a Tory; that both of his grandfathers were hot opponents of the war of 1812; that his father denounced the war with Mexico, and that both he and his father were rank copperheads in the civil war.

Administrator's Notice.

Estate of George Lohr, deceased. The undersigned having been appointed administrator of the estate of George Lohr, deceased, hereby gives notice that he will appear before the Probate Court of San Juan County, at the Court house in Aztec on the first Monday in July next, at which time all persons having claims against said estate, are notified and requested to attend for the purpose of having same adjusted, and all persons are hereby notified that if they fail to present their claims against said estate within one year from the date hereof, such claim will be barred by the statute. All persons indebted to said estate are requested to make immediate payment to the undersigned. Dated this 24 day of May A. D. 1899.

The Durango Papers.

From the Durango Herald.
J. H. Goodwin, formerly of New Mexico, but now a bona fide resident of the state of Colorado, was in town yesterday with some of his friends to place on record their protest against and secure the services of a good surveyor. Mr. Goodwin, A. R. Barnes, Andrew Logan and six others among them were two men from the La Plata, Colorado, made the best of their opportunities. The party had the correct Durango time, but to make assurance doubly sure they started for five minutes before they started. When they got in they found the "scoopers" already in possession. The men who had honestly to obey the laws were in no mood to be trifled with. They proceeded to make the locations where they planned without paying any serious attention to the savor's threats and fierce looks directed at them. At one time the "scoopers" became fairly wild and it looked for a while as if blood would be shed but trouble was averted. Now on the La Plata the dove of peace has settled down to quiet enjoyment. They believe that the water supply there will be sufficient if it is properly conserved. They may construct a dam across the stream or dig reservoirs to save the water.

The Ute have shown no intention of repeating the white man's invasion of the territory that was once theirs. They looked on the intruders with stolid, lack-lustre eyes. Some of them seemed to be amused at the dignified looks of the whites, and one even smiled in his stoicism and an old shawl, remarked to a companion, "Ugh! Heap busy."

W. N. Knight left at noon for home. Mr. Knight conversed with at last one hundred men looking for locations who will visit San Juan county. He thinks homesteaders will continue to arrive during the summer months and that the opening is only a season of what is to follow.

There should be no rivalry between the different sections of San Juan county, New Mexico. The country tributary to both Aztec and Farmington is such as to induce settlement and it will not be long until every available acre of ground is under cultivation. Homesteaders are in search of just such advantages as our southern neighbors can guarantee.

Over in San Luis valley they are planting onions and potatoes in the same row in the hope, that the onions will bring tears to the eyes of the potato and thus secure moisture. The Bonnie San Luis is a marvelous proposition.

Homesteaders continue to arrive and all find an abundance of reservation land still unlocated, and on the side patented lands with an abundance of water for sale.

Aztec spent several dollars more than Farmington in the way of advertising and Editor drove to the city. Farmington established a record in all around business. They were asked the Farmington two crowd in point of silver work to interesting home seekers.

Those who sought an unfair advantage by buying out on land, or else of entering the reservation, are now being put to the opening, and the reservation is at all costs, and locations will be antagonized by such practices should quickly collect the evidence and reserve comment until the time is called.

"Vassal Skin" does not seem to realize that the reservation is open and his facilities for collecting from sheep men at an end, hence he began raising a herd, or one of his sons did, and the aggressor will no doubt be arrested. There are many who believe the new conditions should be explained to the Utes before dealing in harsh measures but as this has been gone over by agents, times and again we are inclined to believe that the calaboose, which all Indians dread, will impress them more forcibly than talk.

Harry C. Kiesel returns to Santa Fe this morning after a visit to Aztec and surrounding country in the fruit belt. Durango's citizens have been impartial in work of advertising all sections tributary to Durango. We played no favorites and the fact that San Juan county, New Mexico, gets the best of it was enough to show the people of Durango as to residents of favored section.

McCormick mowers, binders and rakes are the best. Get them of W. C. Chapman, Durango, Colo.

Another killing has occurred at Bayfield, the new town on Pine River. Last Sunday morning, during a row, Wm. Wieland shot and killed W. E. Brinkley. Roy Stewart of our town witnessed the fight, arriving just as the shooting occurred.

The best wagon is the Buick. W. C. Chapman of Durango sells them.

LEGAL NOTICES.

HOMESTEAD ENTRY NO. 2884.
Notice for Publication.
Department of the Interior, Land Office at Santa Fe, N. M., May 11, 1899.
Notice is hereby given that the following named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before Probate Court of San Juan county, at Aztec, N. M., on June 17, 1899, viz:

SAMUEL S. GRAHAM.
For the SE 1/4, SW 1/4, NW 1/4, Sec 12, T 2 N, R 11 W, and Lot 3 Sec 15 T 2 N, R 10 W.
He claims the following witnesses to prove his continuous residence upon and cultivation of said land, viz:

John R. Austin, Harry L. Dunning, Frank W. Bishop, Aztec, N. M.; William H. Whitman, of Cedar Hill, N. M.

MANUEL S. ORTEGA, Register.
Notice of Contest.
Department of the Interior, Land Office at Santa Fe, N. M., April 11, 1899.
Claimant having been injured at this office by Manuel Frade against John Muller for alienation his homestead entry No. 4211, dated January 3, 1891, upon the SE 1/4, SW 1/4, and the NW 1/4, Sec 12, T 2 N, R 11 W, with a view to cancellation of said entry, the said parties are hereby summoned to appear at the office of the Probate Court of San Juan county, at Aztec, New Mexico, on June 17, 1899, at 10 o'clock a. m. to respond and furnish testimony concerning said alleged alienation.

MANUEL S. ORTEGA, Register.
Notice is hereby given that the undersigned has taken up the following described entry estimated at his ranch, in the south west of Farmington, viz:

One half acre, bounded 7/8 mile back, about 15 rods wide, young oak for fuel.

The owner or owners of said described entry forfeit the same at the end of seven months from the date of the first publication of this notice, unless claimed by the owner or owners thereof, and paying all back charges thereon, and paying all back charges thereon.

A. W. BRIDLER, Farmington, N. M.
Filed and April 11, 1899.

PROFESSIONAL.

DR. T. J. WEST.
PHYSICIAN, SURGEON, OBSTETRICIAN.
Aztec, New Mexico.

DR. E. G. CONDY.
PHYSICIAN AND SURGEON.
Call answered any hour, day or night.
Aztec, New Mexico.

DR. A. ROSENTHAL.
PHYSICIAN AND SURGEON.
Farmington, New Mexico.

DR. J. A. DUFF.
DENTIST.
Will visit La Plata Postoffice, first and third Monday in each month, and Aztec the following Wednesdays.

J. MILTON PALMER.
ATTORNEY AT LAW.
Notary Public.
In Aztec Thursdays.

E. S. WHITEHEAD.
ATTORNEY AT LAW.
Notary Public.
Farmington, New Mexico.

GRANVILLE PENDLETON.
ATTORNEY AT LAW.
Will practice in all Courts of the Territory.
Aztec, New Mexico.

F. C. PERKINS.
ATTORNEY AT LAW.
Rooms 16-17 Williams Block, Durango, Colo.
Practice in all State and Territorial Courts.

T. E. BOWMAN.
Stringed Instruments and Strings a Specialty.
Pianos and Organs, Books.
Stationery, Wall Paper.
AND
School Books Used in New Mexico.

P. C. PERKINS.
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STANDARD ROLLER MILLS.

C. N. TREW, Proprietor.
Aztec, N. M.

OUR FLOUR is second to none, and our prices are right.

BRANDS:
"Standard Patent" and "Cock of the Walk."

FRED BUNKER.

Hardware and Stoves, Agricultural Implements and Wagons and Buggies -- Will order anything not in stock.

Aztec, New Mexico.

M. A. BRACHVOGEL & CO.,
W. S. Weightman, Manager.

GROCERS. Commission and Retail.

DURANGO, COLORADO.
Handlers of Farmington Fruits.

Spot cash our motto and prices as low as any. A full assortment of Fruit Boxes always on hand.

WHEN THE WAGES, as well as the farm products, of our fellow men, must eat our profits and reduce the prices of necessities of life in order to outstrip with their ability to buy. I will take the load, and

HERE ARE MY PRICES
Men's good suits heretofore from 7 to 8 dollars, I will now sell for from \$5 to \$6
A first class suit heretofore sold for from 12 to 15 dollars, I will now sell for from \$10 to \$12
A well made shirt of good material, 50c to 75c
A new pair of Hat for \$1.50, and solid good shoes for \$1.50
Prices on Underwear and other goods are reduced in the same proportion.

I. LAZARUS.
Grand Opera Clothing House, Durango, Colo.

W. H. WILLIAMS,
Dry Goods, Groceries, Boots and Shoes, Hats and Caps, Hardware, Glassware, Etc.

AZTEC, NEW MEXICO.

Eastman Kodaks and Supplies.

F. GONNER, Photographer, DURANGO.

The Durango, Aztec and Farmington Stage Line.

WOOD & MORGAN, Durango, Proprietors.

EASY riding stages, making the trip through to Durango from Aztec or Farmington in one day. The patronage of the traveling public solicited. Packages to be sent by express should be left at the postoffice at Aztec.

REASONABLE RATES THE RULE.